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**WATER SUPPLY OUTLOOK  
FOR  
UTAH**

U. S. DEPT. OF AGRICULTURE  
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AUG 21 1967

CURRENT SERIAL RECORDS

and  
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

UNITED STATES DEPARTMENT of AGRICULTURE...SOIL CONSERVATION SERVICE.

and  
STATE ENGINEER of UTAH

In cooperation with U.S. Forest Service, Bureau of Reclamation,  
Utah Fish and Game Dept., Utah Agricultural Experiment Station,  
U.S. National Park Service, U.S. Geological Survey; and other  
Federal, State, and private organizations.

AS OF  
MAY 1, 1967

## TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season as they affect runoff will add to be an effective average. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1400 snow courses in Western United States and in the Columbia Basin in British Columbia. In the near future, it is anticipated that automatic snow water equivalent sensing devices along with radio telemetry will provide a continuous record of snow water equivalent at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data or reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

Listed below are water supply outlook reports based on Federal-State-Private Cooperative snow surveys. Those published by the Soil Conservation Service may be obtained from Soil Conservation Service, Room 507, Federal Building, 701 N. W. Glisan, Portland, Oregon 97209.

### PUBLISHED BY SOIL CONSERVATION SERVICE

D. A. WILLIAMS, Administrator

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, Western Regional Technical Service Center, Room 507, 701 N. W. Glisan, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	P. O. Box "F", Palmer, Alaska 99645
Arizona	6029 Federal Building, Phoenix, Arizona 85205
Colorado (N. Mex.)	12417 Federal Building, Denver, Colorado 80202
Idaho	P. O. Box 38, Boise, Idaho 83701
Montana	P. O. Box 855, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno Nevada 89505
Oregon	1218 S. W. Washington St., Portland, Oregon 97205
Utah	4001 Federal Building, Salt Lake City, Utah 84111
Washington	840 Bon Marche Bldg., Spokane, Washington 99206
Wyoming	P. O. Box 340, Casper, Wyoming 82602

### PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P. O. Box 388, Sacramento, California 95802 --- and for British Columbia by the Department of Lands, Forests and Water Resources, Water Resources Service, Parliament Building, Victoria, British Columbia





**WATER SUPPLY OUTLOOK**  
and  
**FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS**  
for  
**UTAH**

MAY 1, 1967

*Report prepared by*  
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SOIL CONSERVATION SERVICE  
SNOW SURVEY SECTION  
FEDERAL BLDG., ROOM 4012  
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*Issued by*

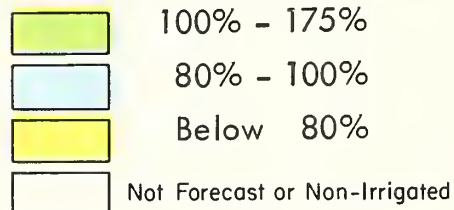
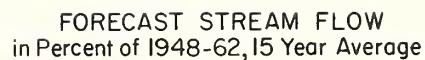
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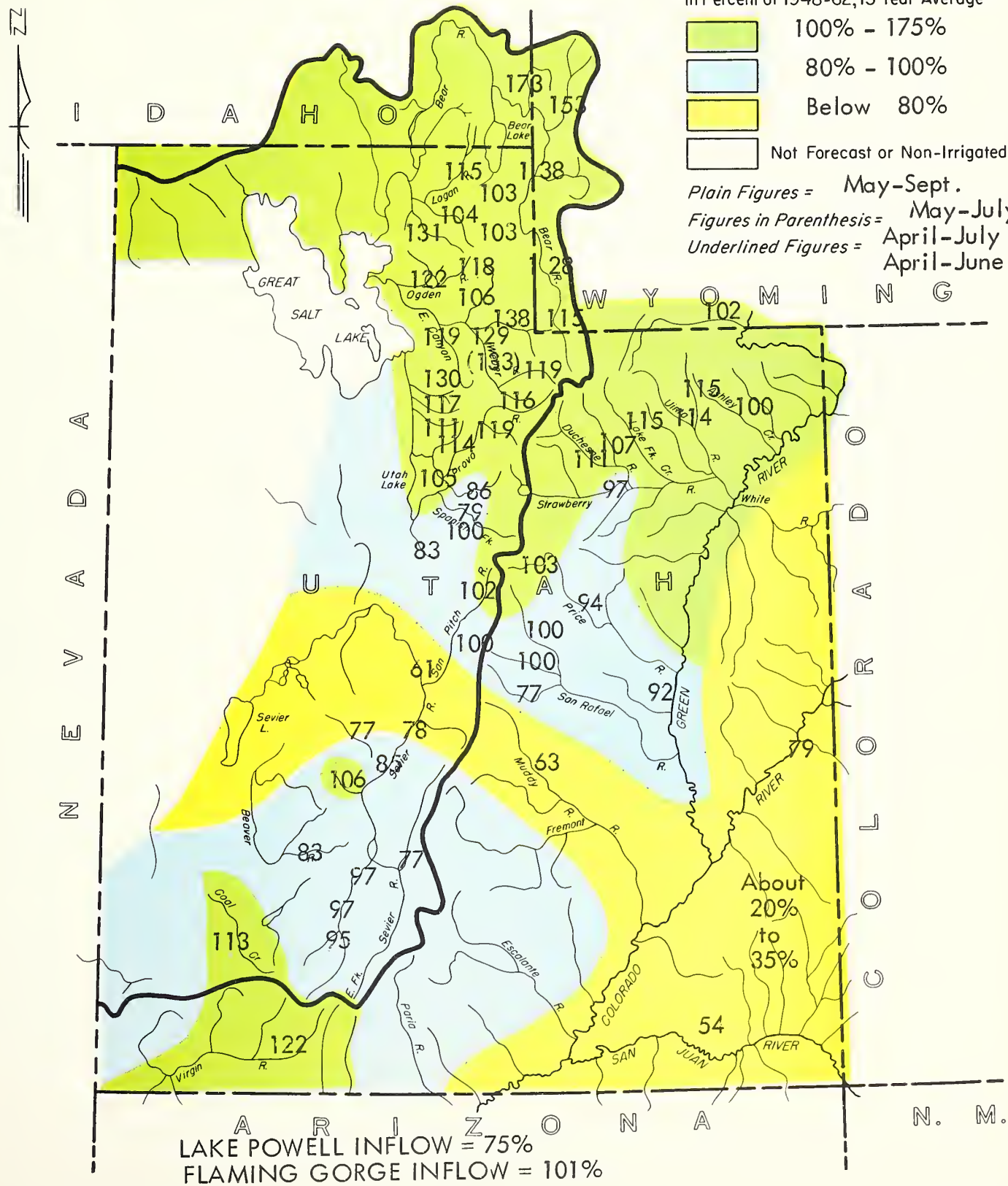


## Based on Snow Surveys Made on UTAH and BEAR RIVER WATERSHEDS

Approximate Date



Plain Figures = May-Sept.  
 Figures in Parenthesis = May-July  
 Underlined Figures = April-July or April-June







# WATER SUPPLY OUTLOOK

MAY 5, 1967

\*\*\*\*\*  
\* Water supplies will be good to excellent for most of \*  
\* the state. Poor supplies(60% to 75%) are forecast \*  
\* for inflow to Sevier Bridge Reservoir, smaller streams \*  
\* near Salina, Mayfield, and the Muddy Creek near Emery.\*  
\* Critically short supplies are expected in Grand and \*  
\* San Juan counties. Heavy intermediate elevation \*  
\* snowpacks in northern Utah create a potential hazard \*  
\* from high water flows. \*  
\*\*\*\*\*

April weather brought a major improvement in the water outlook for most watersheds of the state, except in the Moab to Blanding area where water prospects remain record low (about 20% to 35% of average streamflow).

The present outlook for southwestern Utah, where serious water shortages were expected a month ago, is for most streams to yield from near 80% to about 125% of average flows. Highest flows are expected from the Virgin River and Coal Creek near Cedar City. Principal exceptions, where streams are forecast at about 60% to 75%, include the inflow to Sevier Bridge reservoir, smaller streams near Salina and Mayfield, and the Muddy Creek near Emery.

About 80% to average streamflow is now expected from the following streams in central Utah: the San Pitch, San Rafael, Price, Strawberry and Spanish Fork rivers, and smaller streams near Springville, Payson, Nephi and Tooele.

The outlook is excellent for northern sections of the state, with forecasts ranging from about 105% to 140% of average. This includes the Bear, Weber, Ogden, Provo and Jordan rivers with all their tributaries, as well as northern Uinta Basin streams.

April was cold and wet over most of Utah, although practically no precipitation was reported from a large area in the southeast portion of the State. Amounts near normal to 50% above were general throughout the remainder of the State, with higher percentages occurring consistently over the mountains. The wettest part of the State was over the mountains of northern Utah and in the Cedar Breaks area where over 200% of normal was noted.

The cold weather, combined with frequent storms, prevented normal snowmelt during the month. Streamflow was near record low in most areas. The snowpack continued to build up until now it is about 150% to over 300% of average on some watersheds. This, however, does not mean that runoff will be in the same proportion since - due to the delayed snowmelt - the soils underneath the snow are drier than usual for May 1.



## WATER SUPPLY OUTLOOK (continued)

However, the delayed snowmelt will tend to cause streams to rise higher when they reach their peak flow, and to hold up longer into the summer months.

Those watersheds where the low and intermediate elevation snowpack is abnormally heavy have a potential hazard from damaging high water flow, particularly if the weather should change to a sustained period of above normal temperatures. Watersheds where this potential exists include the Little Bear river in Cache Valley, the Ogden, Weber, Provo and American Fork rivers, Chalk Creek at Coalville, Virgin river. Some of the smaller streams along the Wasatch front may also give trouble, particularly where streambeds have been allowed to become obstructed.

If cool temperatures continue thru most of May, the high water potential from the low and intermediate elevation watersheds will be minimized, but will become greater for the higher elevation watersheds.

Storage in the principal reservoirs of the State remained slightly above average, essentially the same as a month ago. However, total storage for the Sevier River basin was only 72% of average.



# UTAH STREAMFLOW FORECASTS " ( 1,000 Ac. Ft. )

FORECAST POINT	FORECAST THIS YEAR	THIS YEAR AS PERCENT OF AVERAGE	FORECAST PERIOD	LAST YEAR	AVERAGE <sup>b</sup>
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## BEAR RIVER SYSTEM

Bear at Harer, Idaho	350	173	May-Sept	119	202
Bear nr Randolph	95	138	May-Sept	37	69
Bear nr Ut-Wyo State Line	125	115	May-Sept	81	109
Bear nr Woodruff	120	128	May-Sept	49	94
Big Crk nr Randolph, Utah	7.6	103	May-Sept	5.3	7.4*
Blacksmith Fork nr Hyrum	50	104	May-Sept	35	48
Little Bear nr Paradise	26	131	May-June	11.6	19.8
Logan nr Logan (1)	134	115	May-Sept	83	117
Smith's Fork nr Border, Wyoming	155	153	May-Sept	67	101
Woodruff Crk nr Woodruff, Utah	15	103	May-Sept	10.1	14.6*

## WEBER-OGDEN RIVERS

Chalk Crk at Coalville	40	138	May-Sept	20.4	28.9
East Canyon Crk nr Morgan (2)	19	119	May-Sept	10.6	16.0
Lost Crk nr Croydon, Utah	14	106	May-Sept	7.6	13.2
Pineview Reservoir Inflow (3)	106	96	Apr-June	78	110
	88	122	May-July	46	72
So Fork Ogden nr Huntsville	52	118	May-Sept	36	44
Rockport Reservoir Inflow (4)	132	133	May-July	75	99*
Weber nr Coalville (5)	138	129	May-Sept	71	107
Weber nr Oakley	109	122	May-June	73	89
	135	119	May-Sept	90	113

## PROVO RIVER & UTAH LAKE

American Fork nr American Fork	34	114	May-Sept	22.8	29.7
Hobble Crk nr Springville	12.5	86	May-Sept	-----	14.6
Payson Creek nr Payson	5	83	May-Sept	-----	6.0
Provo nr Hailstone (6)	110	116	May-Sept	58	95*
Provo (below Deer Crk Dam) (7)	128	119	May-Sept	-----	108*
Spanish Fork st Thistle	31	100	May-Sept	-----	31
Strawberry Reservoir Inflow (8)	41	108	May-Sept	-----	38
Utah Lake Inflow	215	105	May-Sept	-----	205

## JORDAN RIVER & SALT LAKE

Big Cottonwood nr SLC	41	117	May-Sept	23.5	35
Little Cottonwood Crk nr SLC	40	111	May-Sept	25.5	36
Parley's Crk nr SLC	13	130	May-Sept	7.0	10.0

(1) Includes U.P. & L. Co. tailrace and Logan, Hyde Park & Smithfield Canal. (2) Observed flow plus change in storage in East Canyon Reservoir. (3) Inflow record as computed by U.S. Bureau of Reclamation. (4) Observed flow Weber River near Wanship, Utah, plus change in storage in Wanship Reservoir, plus diversion by Weber-Provo Canal. (5) Includes diversion by Weber-Provo Canal and change in storage in Wanship Reservoir. (6) Observed flow minus diversions thru Duchesne tunnel and Weber-Provo Canal. (7) Observed flow plus change in storage in Deer Creek reservoir, minus diversions thru Duchesne tunnel & Weber-Provo Canal. (8) Change in storage plus diversion thru Strawberry tunnel.





# UTAH STREAMFLOW FORECASTS <sup>a</sup> ( 1,000 Ac. Ft. )

FORECAST POINT	FORECAST THIS YEAR	THIS YEAR AS PERCENT OF AVERAGE	FORECAST PERIOD	LAST YEAR	AVERAGE <sup>b</sup>
<u>SEVIER RIVER</u>					
Chalk Creek nr Fillmore	10	77	May-Sept	-----	13.0
Clear Crk nr Sevier (abv diversion)	10.5	106	May-June	-----	9.9*
East Fork Sevier nr Kingston (9)	5	62	May-June	-----	8.0
	9.5	77	May-Sept	1.8	12.3
Inflow					
Kingston to Vermillion Dam	33	85	Apr-June	22.8	39
Vermillion Dam to Gunnison	46	78	Mar-June	47	59
Salina Crk (below diversion) (10)	1.7	25	May-June	-----	6.8*
Sevier nr Circleville	32	97	May-Sept	27.4	33
Sevier nr Gunnison a	25	61	May-Sept	17.1	41
Sevier at Hatch	25	97	May-June	24.6	25.8
	37	95	May-Sept	37	39
Sevier nr Kingston	13.5	100	May-June	7.6	13.5
	17.5	97	May-Sept	8.9	18.1
Sevier below Piute Dam (11)	28	93	May-Sept	-----	30
<u>SAN PITCH RIVER</u>					
Ephraim Creek nr Ephraim	14.5	100	May-Sept	-----	14.5
Pleasant Crk nr Mt Pleasant	9	102	May-Sept	-----	8.8*
Twin Crk nr Mt Pleasant	4.4	102	May-Sept	-----	4.3*
<u>BEAVER RIVER</u>					
Beaver nr Beaver	13.5	84	May-June	9.2	16.1
	18.5	83	May-Sept	12.3	22.3
Rockyford Reservoir Inflow (12)	2.7	40	May-June	0.6	6.7
<u>COAL CREEK</u>					
Coal Crk nr Cedar City	14.5	113	May-Sept	10.7	12.8

## COLORADO RIVER BASIN

### GREEN RIVER TRIBUTARIES IN UTAH FLAMING GORGE TO DUCHESNE RIVER

Ashley Creek nr Vernal	53	100	May-Sept	44	53
Henry's Fork at Linwood	29	102	May-Sept	----	28.5

(9) Observed flow plus change in storage in Otter Creek Reservoir. (10) Gage is below diversions near Salina.  
 (11) Observed flow plus change in storage in Otter Crk & Piute Reservoirs. (12) Observed flow at Rockyford Dam,  
 corrected for change in storage in Rockyford Reservoir.



# UTAH STREAMFLOW FORECASTS <sup>a</sup> ( 1,000 Ac. Ft. )

FORECAST POINT	FORECAST THIS YEAR	THIS YEAR AS PERCENT OF AVERAGE	FORECAST PERIOD	LAST YEAR	AVERAGE <sup>b</sup>
<u>DUCHESNE RIVER</u>					
Duchesne at Provo River (Trail nr Hanna)	41	124	May-Sept	-----	33*
Duchesne nr Tabiona (13)	115	111	May-Sept	75	104
Lakefork below Moon Lake (14)	78	115	May-Sept	64	68
Rock Crk nr Mtn Home	105	107	May-Sept	71	98
Strawberry at Duchesne	57	97	May-Sept	37	59
Uinta nr Neola	103	114	May-Sept	87	90
Whiterocks nr Whiterocks	70	115	May-Sept	55	61
Yellowstone nr Altonah	75	109	May-Sept	69	69
<u>PRICE RIVER</u>					
Gooseberry Crk nr Scofield	11.2	103	May-Sept	6.3	10.9
Price nr Heiner (15)	50	94	May-Sept	27.9	53
Scofield Reservoir Inflow (15)	33	103	May-Sept	12.9	32
<u>SAN RAFAEL RIVER</u>					
Cottonwood Crk nr Orangeville	52	100	May-Sept	28.6	52
Ferron Crk nr Ferron	30	77	May-Sept	-----	39
Huntington Crk nr Huntington	52	100	May-Sept	35	52
<u>MUDDY RIVER</u>					
Muddy Creek nr Emery	13	63	May-Sept	10.0	20.5*
<u>VIRGIN RIVER</u>					
Virgin nr Virgin	30	122	May-June	17	24.5
<u>UPPER COLORADO BASIN</u>					
Colorado nr Cisco, Utah (15)	2610	79	May-Sept	1598	3291
Flaming Gorge Inflow (3)	1140	101	Apr-July	---	1129
Lake Powell Inflow (3)	5800	75	Apr-July	---	7692
Green at Green River, Utah (15)	2680	92	May-Sept	1395	2899
San Juan nr Bluff, Utah (15)	520	54	May-Sept	531	963

(13) Observed flow plus diversion through Duchesne Tunnel. (14) Observed flow plus change in storage in Moon Lake Reservoir. (15) Observed flow plus change in storage reservoir.

## GENERAL FOOTNOTES

(a) Runoff forecasts are based principally on mountain snow cover and on the assumption that precipitation and temperature will be near average from the present time to the end of the forecast period. Appreciable deviations from normal of temperature and/or precipitation will correspondingly modify these forecasts. The discharge data is taken from preliminary records of the U.S. Geological Survey. (b) 1948-62, 15 year period. \*Partly estimated.





# RESERVOIR STORAGE ( 1,000 Ac. Ft. )

BASIN or STREAM	RESERVOIR	USABLE CAPACITY	MEASURED ( FIRST OF MONTH)		
			THIS YEAR	LAST YEAR	AVERAGE <sup>a</sup>
GREAT BASIN					
Bear River	Bear Lake	1421.0	1146.1	1239.0	938.5
	Woodruff Narrows	26.5	27.1	27.4	-----
Beaver River	Rocky Ford	23.3	10.3	15.1	13.7
Little Bear	Hyrum	15.3	15.4	15.6	14.4
	Porcupine	11.3	8.0	11.3	-----
Ogden	Causey	7.1	2.2	7.0	-----
	Pineview	110.1	55.6	94.4	33.6
Provo	Deer Creek	149.7	91.2	122.1	104.7
Sevier River	Gunnison	18.2	12.7	-----	-----
	Otter Creek	52.5	22.6	37.9	37.4
	Piute	71.8	43.9	53.2	43.8
	Sevier Bridge	236.0	82.0	107.0	126.5
Spanish Fork	Strawberry	265.4	104.9	133.3	149.3
Utah Lake	Utah Lake	**883.9	700.1	771.8	650.3
Weber	East Canyon	48.1	21.8	10.8	21.1
	Echo	73.9	57.2	72.0	51.1
	Lost Creek	18.2	0.6	-----	-----
	Rockport	60.9	25.5	55.8	-----
	Willard Bay	198.2	160.9	163.0	-----
COLORADO RIVER DRAINAGE					
Ashley Creek	Steinaker	33.3	24.8	24.6	-----
Colorado	Blue Mesa	940.8d	375.6	191.9	-----
	Lake Powell	27000.0d	7066.0	9062.0	-----
Green	Flaming Gorge	3789.0d	2155.0	2468.6	-----
Lake Fork	Moon Lake	35.8	13.6	31.2	16.4
Price River	Scofield	65.8	42.0	63.0	25.4
San Rafael	Joes Valley	54.6	3.7	-----	-----
San Juan	Navajo	1709.0d	381.5	258.6	-----

\*-Average for 1957-62 inclusive

\*\*-Taken at compromise point

All data contained in this table supplied by the U.S. Geological Survey.

(a) 1948-62 average. (b) Active capacity taken at 3.1 feet above compromise point. (c) Partly estimated.

(\*) Total capacity reported.



## SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	NO.	ELEVATION				LAST YEAR	AVERAGE <sup>a</sup>

## GREAT BASIN DRAINAGE

UPPER BEAR RIVER  
(Above Harer, Idaho)

Big Park	10G11	8700	5/2	72	24.4	15.5	20.0*
Burts-Miller Ranch	10J6	7900	4/20	5	1.9	0.0	0.0*
CCC Camp x	10G7	7500	5/2	28	11.2	3.1	4.6*
Hayden Fork	10J7	9300	4/20	49	17.8	6.6	17.7*
Kelly Ranger Station	10G12	8200	5/2	62	22.0	12.5	15.9*
Monte Cristo R.S.	11H12	8960	4/25	86	32.4	17.7	26.2*
Piney LaBarge #2 x	10G10	8820	4/29	63	26.9	10.4	18.5
Poison Meadows x	10G6	8500	5/2	106	38.7	20.3	30.9*
Salt River Summit x	10G8	7900	5/2	45	17.6	7.4	9.8*
Stillwater Camp	10J17	8550	4/20	32	11.0	0.0	7.5
Trial Lake x	10J8	9800	4/27	81	30.9	19.2	30.9*

LOWER BEAR RIVER  
(Below Harer, Idaho)

Beaver Crk-Skunk Crk.	11H14	7150	4/25	25	9.8	0.0	3.4*
Dry Bread Pond x	11H13	8230	4/25	59	21.9	7.0	13.5*
Emigrant Summit	11G6	7700	4/28	71	30.2	12.8	----
Garden City Summit	11H7	7600	4/27	57	22.5	10.6	14.5*
Klondike Narrows	11H1	7400	4/27	54	23.6	0.0	13.9*
Little Bear (Lower)	11H26	6100	4/26	13	4.2	0.0	Trace*
Little Bear (Upper)	11H25	6850	4/26	29	11.2	0.0	1.3*
Monte Cristo R.S.	11H12	8960	4/25	86	32.4	17.7	26.2
Oxford Mountain	12G3	6800	No Report		----		1.4*
Steep Hollow #1	11H27	8500	4/27	111	46.2	25.6	38.5*
Steep Hollow #2	11H28	7700	4/27	74	32.4	6.6	22.5*
Strawberry Creek	11G9	5800	4/25	27	10.9	0.0	1.3*
Strawberry Mink Divide	11G10	6800	4/25	65	28.6	4.0	13.3*
Tony Grove R.S.	11H3	6250	4/27	9	4.1	0.0	0.6*
Willow Flat	11G4	6100	4/26	26	10.5	0.0	2.4*

## OGDEN RIVER

Beaver Crk-Skunk Crk.	11H14	7150	4/25	25	9.8	0.0	3.4*
Ben Lomond (Lower)	11H9	5850	4/26	30	10.5	0.0	3.6*
Ben Lomond Peak	11H8	8000	4/26	111	44.5	20.0	32.3*
Ben Lomond Trail	11H30	6000	4/26	33	12.2	0.0	----
Cutler Creek	11H29	6780	4/26	85	34.1	11.0	----
Dry Bread Pond	11H13	8230	4/25	59	21.9	7.0	13.5*
Horse Ridge	11H21	8260	4/24	62	23.6	6.4	17.0*
Monte Cristo R.S.	11H12	8960	4/25	86	32.4	17.7	26.2*
Sagebrush Flat	11H15	6300	4/25	0	0.0	0.0	0.0*

(a) 1948-62, 15 year period. (b) Average of all past record. (x) Adjacent drainage. (A) Aerial observation: Water content estimated. \* Estimated 1948-62, 15 year average.



# SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	NO.	ELEVATION				LAST YEAR	AVERAGE <sup>a</sup>

## WEBER RIVER

Beaver Creek R.S.	11J24	7500	4/27	2	0.5	0.0	1.5*
Chalk Creek #1	11J1	9100	4/26	75	27.8	17.8	25.5*
Chalk Creek #2	11J2	8000	4/26	48	18.6	6.6	12.3*
Chalk Creek #3	11J3	7500	4/26	9	3.0	0.0	1.7*
Farmington Canyon(Lower)	11J12	6950	4/27	59	22.3	8.2	21.2*
Farmington Canyon(Upper)	11J11	8000	4/27	90	31.9	20.4	30.4*
Horse Ridge	11H21	8260	4/24	62	23.6	6.4	17.0*
Kilfore Creek	11H31	7300	4/24	34	13.8	2.5	-----
Lamb's Canyon x	11J14	6600	4/27	30	13.0	0.0	6.5*
Lost Creek Reservoir	11H32	6125	4/24	0	0.0	0.0	-----
Parley's Canyon Smt.	11J15	7500	4/28	40	15.7	0.0	11.5*
Redden Mine (Lower)	11J6	8500	4/27	51	19.8	8.2	16.8*
Redden Mine (Upper)	11J5	9000	4/27	56	23.3	9.2	18.9*
Silver Lake x	11J16	8725	4/28	74	29.1	17.2	26.8*
Smith & Morehouse	11J4	7600	4/26	28	11.7	0.0	5.9*
Trial Lake x	10J8	9800	4/27	81	30.9	19.2	30.9*

## PROVO RIVER & UTAH LAKE

Camp Altamont	11J20	7300	4/27	37	17.0	0.0	6.5*
Clear Creek Ridge #1	11K21	9200	4/26	51	21.0	6.6	16.2*
Clear Creek Ridge #2	11K22	8000	4/26	28	10.4	0.8	8.0*
Clear Creek Ridge #3	11K23	6600	4/26	0	0.0	0.0	0.1*
Daniels-Strawberry Smt.	11J23	8000	4/25	40	16.8	0.0	8.4*
Dutchman R.S.	11J17	7500	4/27	35	15.4	0.0	9.5*
Hobble Creek Summit	11J22	7300	5/2	18	6.2	0.0	6.1*
Packard Canyon	11J31	6400	5/2	2	0.4	0.0	1.0*
Payson R.S.	11K1	8050	4/25	34	15.3	3.9	13.2*
Rock Bridge	11K2	6750	4/25	0	0.0	0.0	4.6*
Soapstone R.S.	11J25	7800	4/27	25	10.2	0.0	5.5*
Timpanogos Divide	11J21	8140	4/27	80	36.4	13.4	18.4
Trial Lake	10J8	9800	4/27	81	30.9	19.2	30.9*

## JORDAN RIVER & TOOELE VALLEY

Bevan's Cabin	12J2	6450	4/28	2	0.8	0.0	2.3*
Lamb's Canyon	11J14	6600	4/27	30	13.0	0.0	6.5*
Middle Canyon-Tooele	12J3	7000	4/28	16	7.2	0.0	7.4*
Mill D South Fork	11J10	7400	4/28	47	20.7	0.0	13.1*
Parley's Canyon Smt x	11J15	7500	4/28	40	15.7	0.0	11.5*
Rocky Basin-Setlmt Cyn	12J1	8900	4/28	76	29.9	14.0	27.2*
Silver Lake	11J16	8725	4/28	74	29.1	17.2	26.8*
Vernon Creek	12K1	7500	4/28	8	3.2	----	-----

(a) 1948-62, 15 year period. (b) Average of all past record. (x) Adjacent drainage. (A) Aerial observation: Water content estimated. \* Estimated 1948-62, 15 year average.





## SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	NO.	ELEVATION				LAST YEAR	AVERAGE <sup>a</sup>

UPPER SEVIER RIVER  
(South of Richfield, Utah)

Big Flat x	12L7	10290	4/24	63	19.6	12.5	20.2*
Box Creek	12L4	9800	4/26	37	13.8	0.0	11.5*
Castle Valley	12M13	9700	4/24	37	13.6	0.0	7.0*
Cedar Breaks	12M1	10390	4/27	78	30.4	18.2	19.2*
Duck Creek R.S.	12M4	8560	4/28	27	11.6	0.0	5.2*
Fish Lake	11L3	8700	4/26	0	0.0	0.0	3.0*
Harris Flat	12M5	7700	4/28	0	0.0	0.0	0.3*
Kimberly Mine	12L6	8900	4/28	35	14.0	7.0	13.5*
Midway Valley	12M2	9800	4/26	82	32.0	19.5	21.4*
Panguitch Lake	12M7	8200	4/24	0	0.0	0.0	0.0*
Squaw Springs	12L5	9300	4/26	6	1.8	0.0	2.9*
Widtsoe-Escalante Smt.	11M1	9500	4/25	6	1.8	0.0	2.5*
Widtsoe-Escalante #2	11M2	9500	4/25	22	7.0	0.4	6.3*
Widtsoe-Escalante #3	11M3	9500	4/25	29	9.8	0.5	10.0*

LOWER SEVIER RIVER  
(Including San Pitch River)

Beaver Dams	11K13	8000	4/26	10	4.0	0.0	6.7*
Farnsworth Lake	11L1	9900	4/27	49	17.9	10.7	19.8*
G.B.R.C. Headqtrs	11K11	8700	4/28	40	16.6	2.6	14.7*
G.B.R.C. Meadows	11K10	10000	4/28	70	27.2	15.5	28.5*
Gooseberry R.S.	11L2	8400	4/27	16	6.4	0.0	7.3*
Gooseberry Reservoir x	11K4	8700	4/25	51	20.0	6.8	17.9*
Mammoth R.S. Ctnwd Crk	11K3	8800	4/25	49	19.8	6.2	18.8*
Mt. Baldy R.S.	11K12	9500	4/26	64	22.6	12.9	24.8*
Oak Creek	12K2	7760	4/26	28	9.0	----	----
Pickle Keg Springs	11K39	9600	4/24	28	12.5	2.2	----
Pine Creek	12L1	8700	4/27	23	8.9	0.0	12.2*
Salina Creek (Lower)	11L8	7250	4/24	0	0.0	0.0	----
Shingle Mill	12L11	6200	4/28	4	1.2	0.0	1.1*
White Gate	11L7	9350	4/24	0	0.0	0.0	----

BEAVER RIVER

Big Flat	12L7	10000	4/24	63	19.6	12.5	20.2*
Merchant's Valley	12L9	8200	4/24	12	3.5	0.0	3.5*
Otter Lake	12L8	9300	4/24	42	12.1	7.9	14.5*

PAROWAN CREEK

Birch Crossing	12M16	8100	4/26	0	0.0	0.0	----
Brian Head	12M14	10400	4/26	62	20.5	15.8	----
Ed Ward Flat	12M12	8300	4/26	2	0.6	0.0	1.4*
Tall Poles	12M15	8800	4/26	27	10.4	4.2	----
Yankee Reservoir	12M11	8700	4/26	20	7.2	0.6	5.6*

(a) 1948-62, 15 year period. (b) Average of all past record. (x) Adjacent drainage. (A) Aerial observation: Water content estimated. \* Estimated 1948-62, 15 year average.



## SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	NO.	ELEVATION				LAST YEAR	AVERAGE <sup>a</sup>
<u>COAL CREEK</u>							
CSU Ranch	12M17	8200	4/27	0	0.0	0.0	----
Cedar Breaks	12M1	10390	4/27	78	30.4	18.2	19.2*
Midway Valley x	12M2	9800	4/26	82	32.0	19.5	21.4*
Urie Flat	12M10	8450	4/27	5	1.4	0.0	0.8*
Webster Flat	12M3	9200	4/27	48	19.0	4.7	9.5*

## COLORADO RIVER DRAINAGE

## UPPER GREEN RIVER IN UTAH

## (Tributaries Above Flaming Gorge)

Black's Fork Jct.	10J22	8925	4/19	27	7.8	1.4	9.0*
Buck Pasture A	10J23	9700	Delayed Report			----	----
Burnt Creek	9J14	7900	4/25	0	0.0	----	----
East Fk. Black's Fk G.S.	10J21	9300	4/19	33	9.1	5.2	11.3*
Hnery's Fork A	10J24	10200	Delayed Report			----	----
Hewinta Guard Station	10J4	9500	4/19	33	9.2	5.2	12.1*
Hickerson Park	9J8	9100	4/21	12	3.4	0.0	4.1*
Spirit Lake	9J7	10300	4/20	51	16.2	9.5	14.3*
Steel Creek Park	10J20	9900	4/19	60	19.1	13.7	18.0*

GREEN RIVER TRIBUTARIES BETWEEN  
FLAMING GORGE & DUCHESNE RIVER

Ashley Twin Lakes A	9J11	10500	Delayed Report			----	----
Grizzly Ridge	9J13	8500	4/25	22	9.0	----	----
King's Cabin (Lower)	9J2	8600	4/20	21	6.6	3.3	5.5*
Kings Cabin (Upper)	9J1	8730	4/20	33	11.3	6.4	7.9*
Reynolds Park A	9J10	10400	Delayed Report			----	----
Windy Park A	9J12	9400	Delayed Report			----	----

## DUCHESNE RIVER

Atwood Basin A	10J27	10250	Delayed Report			----	----
Chepeta-Whiterocks Lks A	9J9	10300	Delayed Report			----	----
Daniels-Strawberry Smt.X	11J23	8000	4/25	40	16.8	0.0	8.4*
Five Point Lake A	10J26	11000	Delayed Report			----	----
Indian Canyon	10K1	9100	4/22	28	11.8	4.2	8.4*
Julius Park	9J6	9800	4/25	51	16.5	8.9	13.9*
Lakefork Mountain	10J10	10500	4/24	48	13.8	7.0	12.0*
Lakefork Mountain #2	10J11	8900	4/24	15	5.0	0.0	2.6*
Lakefork Mountain #3	10J12	8100	4/24	3	0.8	0.0	0.3*
Mosby Mountain	9J5	9500	4/25	40	12.1	6.9	10.1*
Paradise Park	9J3	10100	4/25	52	16.4	9.8	13.0*
Soapstone R.S. x	11J25	7800	4/27	25	10.2	0.0	5.5*
Trial Lake x	10J8	9800	4/27	81	30.9	19.2	30.9*
White River #1 x	10K2	8600	4/27	29	12.8	0.0	10.5*

## PRICE RIVER

Corral	10K5	8200	No Report			0.0	----
Dry Valley Divide	11K8	7800	4/25	10	3.6	0.0	4.5*
Gooseberry Reservoir	11K4	8700	4/25	51	20.0	6.8	17.9*
Grassy Trail Crk Left Fk	10K3	7970	4/28	Trace	Trace	0.0	----
Indian Canyon x	10K1	9100	4/22	28	11.8	4.2	8.4*

(a) 1948-62, 15 year period. (b) Average of all past record. (x) Adjacent drainage. (A) Aerial observation: Water content estimated. \* Estimated 1948-62, 15 year average.





# SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	NO.	ELEVATION				LAST YEAR	AVERAGE <sup>a</sup>

## PRICE RIVER - Continued

Mammoth R.S.-Ctnwd Crk	11K3	8800	4/25	49	19.8	6.2	18.8*
Mud Creek #2	11K33	8300	4/25	18	7.0	0.0	7.1*
Timberline	10K6	9100	4/28	43	16.2	----	11.5*
White River #1	10K2	8600	4/27	29	12.8	0.0	10.5*
White River #2	11K24	7600	4/27	0	0.0	0.0	1.2*

## SAN RAFAEL RIVER

Buck Flat	11K31	9400	4/24	43	14.8	5.0	16.5*
Gooseberry Reservoir	11K4	8700	4/25	51	20.0	6.8	17.9*
Mammoth R.S. Ctnwd Crk x	11K3	8800	4/25	49	19.8	6.2	18.8*
Red Pine Ridge	11K28	9400	4/25	47	16.0	4.0	14.2*
Rush Pond	11K38	9800	4/24	30	10.0	2.6	12.0*
Seely Creek R.S.	11K9	10000	4/28	45	15.6	9.7	16.1*
Stuart R.S.	11K27	7950	4/26	3	0.5	0.0	1.3*
Switchback	11K26	8600	4/26	41	14.8	1.3	13.1*
Upper Joe's Valley	11K29	8800	4/25	16	5.0	0.0	4.4*
Wrigley Creek	11K32	9000	4/24	24	8.1	0.5	6.5*

## MUDDY RIVER

Mt. Baldy R.S. x	11K12	9500	4/26	64	22.6	12.9	24.8 *
------------------	-------	------	------	----	------	------	--------

## FREMONT RIVER

Black's Flat-U.M. Crk.	11L4	9250	4/26	20	7.9	0.0	8.0*
Farnsworth Lake x	11L1	9900	4/27	49	17.9	10.7	19.8*
Fish Lake	11L3	8700	4/26	0	0.0	0.0	3.0*
Johnson Valley	11L6	8850	4/26	0	0.0	0.0	3.3*

## ESCALANTE RIVER

Widtsoe-Escalante Smt.	11M1	9500	4/25	6	1.8	0.0	2.5*
Widtsoe-Escalante #2	11M2	9500	4/25	22	7.0	0.4	6.3*
Widtsoe-Escalante #3	11M3	9500	4/25	29	9.8	0.5	10.0*

## VIRGIN RIVER

Cedar Breaks x	12M1	10390	4/27	78	30.4	18.2	19.2*
Duck Creek R.S.	12M4	8560	4/28	27	11.6	0.0	5.2*
Harris Flat	12M5	7700	4/28	0	0.0	0.0	0.3*
Midway Valley x	12M2	9800	4/26	82	32.0	19.5	21.4*
Webster Flat	12M3	9200	4/27	48	19.0	4.7	9.5*

## SOUTHEASTERN UTAH DRAINAGES

Buckboard Flat	9M1	9000	4/21	0	0.0	2.7	6.2*
Camp Jackson	9M2	8600	4/21	0	0.0	0.4	3.1*
LaSal Mountain	9L1	8800	4/24	0	0.0	0.0	2.3*
LaSal Mountain (upper)	9L2	9600	4/24	15	5.5	12.4	14.3*

(a) 1948-62, 15 year period. (b) Average of all past record. (x) Adjacent drainage. (A) Aerial observation: Water content estimated. \* Estimated 1948-62, 15 year average.



# PRECIPITATION DATA (Inches)

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		DATE OF READING	MONTH'S PRECIPITATION	1948-62 AVERAGE	THIS YEAR	1948-62 AVERAGE	PERCENT OF AVERAGE

## GREAT BASIN DRAINAGE

### UPPER BEAR RIVER (Above Harer, Idaho)

				a		a	
Burts-Miller Ranch	7900	4/20	1.65	----	13.07	----	-----
Chalk Creek # 1*	9100	4/26	5.22	----	29.08	----	-----
Chalk Creek # 2*	8000	4/26	4.24	2.15	22.96	18.95	121
Chalk Creek # 3*	7500	4/26	3.65	1.80	18.13	15.60	116
Hayden Fork	9300	4/20	5.30	----	26.73	-----	-----
Monte Cristo # 2	8960	4/25	7.72	4.65	32.69	33.15	99
Salt River Summit	7900	4/28	2.40	2.50	18.95	20.50	92
Stillwater Camp	8550	4/20	2.39	1.65	16.29	14.65	111
Trial Lake*	9800	4/27	4.05	3.40	32.19	27.20	118

### LOWER BEAR RIVER (Below Harer, Idaho)

Dry Bread Pond	8230	4/25	6.36	3.05	27.53	25.05	110
Garden City Summit	7600	4/27	4.10	2.40	22.92	21.60	106
Klondike Narrows	7400	4/27	4.82	3.25	29.36	26.70	110
Little Bear (Upper)	6850	No Report		2.60	-----	22.10	-----
Monte Cristo # 2	8960	4/25	7.72	4.65	32.69	33.15	99
Tony Grove R. S. (SCS)	6250	4/27	4.05	2.17	20.80	19.88	105
Willow Flat	6100	4/26	6.40	3.95	29.00	27.70	105

### OGDEN RIVER

Ben Lomond (Lower)	5850	4/26	10.55	3.25	32.95	29.25	113
Ben Lomond Trail	6000	4/26	11.10	3.40	34.57	30.70	113
Causey Dam	5500	4/25	3.54	2.10	16.67	15.90	105
Dry Bread Pond	8230	4/25	6.36	3.05	27.53	25.05	110
Horse Ridge	8260	4/24	5.34	----	28.08	-----	-----
Monte Cristo # 2*	8960	4/25	7.72	4.65	32.69	33.15	99
Sagebrush Flat	6300	No Report		2.25	-----	16.85	-----

### WEBER RIVER

Chalk Creek # 1	9100	4/26	5.22	----	29.08	-----	-----
Chalk Creek # 2	8000	4/26	4.24	2.15	22.96	18.95	121
Chalk Creek # 3	7500	4/26	3.65	1.80	18.13	15.60	116
Farmington Guard Sta. (1)	7500	5/2	11.07	4.75	37.08	34.40	108
Farmington Rice (1)	7000	5/2	10.12	4.62a	32.63	31.99a	102
Horse Ridge	8260	4/24	5.34	----	28.08	-----	-----
Lost Creek Reservoir	6125	4/24	2.12	----	14.07	-----	-----
Mt. Dell Dam (2)*	5500	4/30	3.30	2.33a	15.28	15.64a	98
Parley's Canyon Smt.	7500	4/28	5.70	2.80	23.64	24.30	97
Redden Mine (Upper)	9000	4/27	4.75	----	28.55	-----	-----
Silver Lake (Brighton) (2)*	8725	4/30	6.58	3.68a	34.50	32.99a	105
Smith & Morehouse	7600	4/26	3.90	2.70	22.69	21.20	107
Trial Lake*	9800	4/27	4.05	3.40	32.19	27.20	118

(1) Data supplied by U.S. Forest Service. (2) Data supplied by U.S. Weather Bureau. a - all values estimated except those where symbol "a" occurs. \*Adjacent drainage.



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## PROVO RIVER & UTAH LAKE

				a		a	
Clear Creek Ridge # 2	8000	4/26	2.67	2.50	20.58	19.00	108
Daniels-Strawberry Smt.	8000	4/25	2.48	2.40	22.76	21.20	107
Dutchman R. S.	7500	4/27	4.85	2.70	26.93	29.45	91
East Portal Ridge	7800	4/30	2.95	2.40	22.20	21.20	105
Hobble Creek Smt.	7300	5/2	3.24	2.40	21.08	20.20	104
Payson R. S.	8050	4/25	3.14	3.30	22.45	20.90	107
Saopstone R. S.	7800	4/27	2.43	2.20	20.01	18.70	107
Timpanogos Divide	8200	4/27	6.55	2.70a	42.70	29.45a	145
Trial Lake	9800	4/27	4.05	3.40	32.19	27.20	118

## JORDAN RIVER & TOOELE VALLEY

Middle Canyon	7000	4/28	Can Leak	3.50	-----	20.30	-----
Mt. Dell Dam (2)	5500	4/30	3.30	2.33a	15.28	15.64a	98
Parley's Canyon Smt.	7500	4/28	5.70	2.80	23.46	24.30	97
Rocky Basin-Setlmt Cyn	8900	4/28	5.39	----	25.61	-----	-----
Silver Lake(Brighton)(2)	8725	4/30	6.58	3.68a	34.50	32.99a	105
Vernon Creek	7500	4/28	2.40	----	17.07	-----	-----

## SEVIER RIVER ABOVE RICHFIELD

Big Flat*	10290	4/24	4.27	3.15	20.53	21.85	94
Box Creek	9800	4/26	2.68	1.90	17.01	15.40	110
Castle Valley	9700	4/24	6.44	2.40	18.88	19.20	98
Cedar Breaks	10390	4/27	6.58	3.15	26.85	25.15	107
Duck Creek R. S.	8560	4/28	5.18	2.90	30.10	22.40	134
Fish Lake	8700	4/26	1.72	1.53	12.13	8.96	135
Kimberly Mine	8900	4/28	3.79	2.85	24.46	21.40	114
Panguitch Lake	8200	4/24	2.65	1.10	8.86	8.65	102
Webster Flat*	9200	4/27	6.86	2.95	27.71	24.00	115
Widtsoe-Escalante #3	9500	4/25	4.32	1.80	13.39	14.60	92
Widtsoe R. S.	7600	4/25	1.03	0.75a	4.99	5.98a	83

## SEVIER RIVER BELOW RICHFIELD

(Including San Pitch River)

Beaver Dams	8000	4/26	3.20	2.50	13.49	17.70	76
Farnsworth Lake	9900	4/27	3.11	2.65	19.73	21.80	90
G.B.R.C Headqtrts (1)	8700	4/28	3.60	3.41a	21.91	22.45a	98
G.B.R.C. Meadows (1)	10000	4/28	3.71	3.55a	26.41	24.82a	106
G.B.R.C. Oaks (1)	7655	4/28	2.35	a.24a	15.12	15.52a	97
Gooseberry R.S. (1)	7800	4/27	2.10	1.85	15.11	15.10	100
Gooseberry Reservoir*	8700	4/25	3.74	2.75	21.41	21.65	99
Mammoth R.S. #2*	8600	4/25	3.82	2.75	23.23	21.45	108
Mt. Baldy R.S.	9500	4/26	3.80	3.10	19.60	21.95	89
Oak Creek	7760	4/26	3.17	----	20.88	-----	-----
Pickle Keg Springs	9600	4/24	2.76	----	15.38	-----	-----
Pine Creek	8700	4/27	6.15	3.70	26.86	27.40	98
Salina Creek (Lower)	7250	4/24	0.87	----	7.78	-----	-----
Shingle Mill	6200	4/28	3.10	2.15	18.56	17.50	106
White Gate	9350	4/24	1.90	----	10.46	-----	-----

(1) Data supplied by U.S. Forest Service. (2) Data supplied by U.S. Weather Bureau. a - all values estimated except those where specified "a" occurs. \*Adjacent to drainage.





# PRECIPITATION DATA (Inches)

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## BEAVER RIVER

					a	a	
Beaver Canyon P.H. (2)	7275	4/30	2.80	1.85a	12.17	12.19a	100
Big Flat	10290	4/24	4.27	3.15	20.53	21.85	94
Merchant's Valley	8650	4/24	4.36	----	18.51	-----	----

## PAROWAN CREEK

Tall Poles	8800	4/26	3.80	----	17.92	-----	
Yankee Reservoir	8700	4/26	2.80	1.65	14.46	13.60	106

## COAL CREEK

Cedar Breaks	10390	4/27	6.58	3.15	26.85	25.15	107
Webster Flat*	9200	4/27	6.86	2.95	27.71	24.00	115

## ENTERPRISE TO NEW HARMONY DRAINAGE

Little Grassy Creek	6100	4/28	3.37	2.00	24.63	13.90	177
Long Flat	8000	4/28	3.43	2.30	15.14	16.30	93

## COLORADO RIVER DRAINAGE

### UPPER GREEN RIVER IN UTAH (Tributaries above Flaming Gorge)

Black's Fork Jct.	8925	4/19	1.60	2.90	13.76	13.30	103
Burnt Creek	7900	4/25	3.46	----	12.33	-----	----
E.Fk. Black's Fk.G.S.	9300	4/19	2.20	3.00	15.67	13.60	115
Hewinta G.S.	9500	4/19	2.09	3.20	15.41	14.50	106
Hickerson Park	9100	4/21	2.76	----	10.34	-----	----
Spirit Lake	10300	4/20	5.17	4.40	17.88	17.75	101
Steel Creek Park	9900	4/19	2.57	----	17.42	-----	----

### GREEN RIVER TRIBUTARIES BETWEEN FLAMING GORGE & DUCHESNE RIVER

Grizzly Ridge	8500	4/25	2.47	----	16.19	-----	----
King's Cabin (Upper)	8730	4/20	2.41	2.20	14.19	14.95	95

## DUCHESNE RIVER

Brown Duck Ridge	10800	No Report		----	-----	-----	----
Currant Creek	7800	4/27	1.78	1.80	18.00	15.10	119
Daniels-Strawberry Smt.*	8000	4/25	2.48	2.40	22.76	21.20	107
East Portal Ridge*	7800	4/30	2.95	2.40	22.20	21.20	105
Indian Canyon	9100	4/22	1.60	2.15	15.51	17.35	89
Jackson Park	10650	No Report		----	-----	-----	----
Julius Park	9800	4/25	2.34	2.00	16.38	16.90	97
Lakefork Mountain	10500	4/24	3.21	1.70	16.18	15.80	102
Moon Lake	8150	4/30	1.40	1.05a	11.05	9.34a	118

(1) Data supplied by U.S. Forest Service. (2) Data supplied by U.S. Weather Bureau. a - all values estimated except those where symbol "a" occurs. \*Adjacent drainage.



# PRECIPITATION DATA (Inches)

DRAINAGE BASIN AND RAIN GAGE LOCATION	ELEVATION	CURRENT INFORMATION			FROM APPROX. OCT. 1 TO DATE		
		DATE OF READING	MONTH'S PRECIPITATION	1948 - 62 AVERAGE	THIS YEAR	1948 - 62 AVERAGE	PERCENT OF AVERAGE

## DUCHESNE RIVER - Continued

Mosby Mountain	9500	4/25	1.81	----	16.01	-----	----
Paradise Park	10100	4/25	3.22	2.10	19.19	18.10	106
Rock Creek	7900	4/26	2.01	1.35	14.16	13.50	105
Soapstone R.S.	7800	4/27	2.43	2.20	20.01	18.70	107
Trial Lake	9800	4/27	4.05	3.40	32.19	27.20	118
White River #1*	8600	4/27	2.05	2.25	15.70	18.25	86

## PRICE RIVER

Clear Creek Ridge #2*	8000	4/26	2.67	2.50	20.58	19.00	108
Gooseberry Reservoir	8700	4/25	3.74	2.75	21.41	21.65	99
Indian Canyon	9100	4/22	1.60	2.15	15.51	17.35	89
Mammoth R.S. #2	8600	4/25	3.82	2.75	23.23	21.45	108
Mud Creek	8300	4/25	1.85	2.60	17.90	18.10	99
White River # 1	8600	4/27	2.05	2.25	15.70	18.25	86

## SAN RAFAEL RIVER

Buck Flat	9400	4/24	3.25	3.10	18.85	20.25	93
G.B.R.C. Meadows(1)*	10000	4/28	3.71	3.55a	26.41	24.82a	106
Gooseberry Reservoir*	8700	4/25	3.74	2.75	21.41	21.65	99
Orange Olsen		4/25	1.00	----	11.40	-----	----
Red Pine Ridge	9400	4/25	3.70	3.50	24.20	24.20	100
Stuart R.S.	7950	4/26	1.40	2.40	14.70	15.30	96

## MUDDY RIVER

Mt. Baldy R.S.*	9500	4/26	3.80	3.10	19.60	21.95	89
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## FREMONT & ESCALANTE RIVERS

Black's Flat-U.M. Crk	9250	4/26	2.31	1.70	12.95	13.70	95
Farnsworth Lake*	9900	4/27	3.11	2.65	19.73	21.80	90
Fish Lake	8700	4/26	1.72	1.53	12.13	8.96	135
Widtsoe-Escalante #3	9500	4/25	4.32	1.80	13.39	14.60	92

## VIRGIN RIVER

Duck Creek R.S.	8560	4/28	5.18	2.90	30.10	22.40	134
Webster Flat	9200	4/27	6.86	2.95	27.71	24.00	115

## SOUTHEASTERN UTAH DRAINAGES..

Buckboard Flat	9000	4/21	2.25	2.70	16.05	23.90	67
Camp Jackson	8600	4/21	2.05	2.15	15.40	18.90	81
LaSal Mountain (Upper)	9600	4/24	1.65	3.05	13.95	22.70	61

(1) Data supplied by U.S. Forest Service. (2) Data supplied by U.S. Weather Bureau. a - all values estimated except those where symbol "a" occurs. \*Adjacent drainage.



# Agencies Cooperating in Utah Snow Surveys

## U. S. GOVERNMENT AGENCIES

U. S. Department of Agriculture  
Soil Conservation Service  
Forest Service  
U. S. Department of Commerce  
Weather Bureau  
U. S. Department of Interior  
Bureau of Reclamation  
Geological Survey  
National Park Service

## STATE AGENCIES

Utah Agricultural Experiment Station  
Utah Fish and Game Department  
Utah State Engineer  
Bear River Commissioner  
Price River Commissioner  
Provo River Commissioner  
Sevier River Commissioners  
Spanish Fork River Commissioner  
Utah Lake and Jordan River Commissioner  
Utah Water and Power Board

## MUNICIPALITIES

Manti  
Salt Lake City

## ORGANIZED PUBLIC AGENCIES

Beaver River Water Users Association  
Board of Canal Presidents - Jordan River  
Emery Canal and Reservoir Company  
Moon Lake Water Users Association  
Ogden River Water Users Association  
Provo River Water Users Association  
Strawberry Water Users Association  
Sevier River Water Users Association

## PRIVATE AGENCIES

Kaiser Steel Corporation

UNITED STATES DEPARTMENT OF AGRICULTURE  
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FEDERAL BLDG. -- ROOM 4012  
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